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Mami Uchida

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EXAMINER

ANDRAMUNO, FRANKLIN S

ART UNIT

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/520,356	<b>Applicant(s)</b> UCHIDA ET AL.	
	<b>Examiner</b> FRANKLIN S. ANDRAMUNO	<b>Art Unit</b> 2424	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 September 2010.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-9, 11, and 13-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9, 11, and 13-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)         | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments with respect to claims 1-9, 11, and 13-20 have been considered but are moot in view of the new ground(s) of rejection.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9, 11, and 13-20 are rejected under 35 U.S.C. 102 (b) as being anticipated by Fujita et al (US 5,500,794). Hereinafter referred as Fujita.

Regarding claims 1, 13, and 18, Fujita discloses a picture display system, method and display apparatus including first **(TV (812))** and second display devices **(TV (814))** and a base device for supplying picture signals to at least said first display device **(system controller (714) in figure 7b)**, wherein said first display device includes a picture display unit for displaying said picture signals supplied from said base device **(Television screen (712) in figure 7b)**; said second display device includes a display unit for displaying transparent display information for operation **(remote controller screen shown in figure 1)**, for accepting an operating input from a

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user, operating input accepting means for accepting an operating input from a user **(column 1 lines 44-49)**, operating signal generating means for generating operating signals conforming to display items of said display information for operation **(column 2 line 64—column 3 line 6)**, as specified by said operating input accepting means, and communication means for transmitting said operating signals to said base device **(column 6 lines 23-32)**; said base device including picture signal outputting means for outputting said picture signals at least to said first display device **(system controller (816) in figure 8)**, communication means for receiving said operating signals at least from said second display device **(TV (814) in figure 8)**, external input device connecting means for connecting the base device to an external input device as a source of supply of said picture signals **(Menu channel (68) in figure 8)**, and control signal transmitting means for transmitting an external input device control signal, controlling said external input device, based on said operating signal, to said external input device **(column 7 lines 35-49)**. Fujita further teaches an interlock/non-interlock function **(The interlock/non-interlock feature is defined on the specs [page 7 fourth paragraph] as a function to switch the remote control screen on or off in conjunction with the information provided from the television. Fujita teaches on (column 4 lines 43-44) once a button is pressed in the remote control (10) one of the options is that it may turn off the on-screen menu function)**. In addition, Fujita teaches selecting whether the first picture signal supplied to the first display device **(once a button is pressed, the signal sent from the remote controller (10) is received (column 4 lines 35-37))** should be switched to a third picture signal supplied

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from the base device (**The processor sends control commands to other devices connected in the network (e.g. CD, security). It may generate and send for display, another on-screen menu (e.g. main to AV) (column 4 lines 37-40)**) in response to a switch for the second display device from the second picture signal to the third picture signal. (**See figure 8 also (column 6 lines 11-32)**).

Regarding claims 2 and 19, Fujita discloses the picture display system display apparatus according to claims 1 and 18, wherein said operating input accepting means (**column 1 lines 44-49**) of said second display device includes contact position detection means for detecting a contact position on a display surface of said display unit adapted to be contacted by a user (**column 7 lines 26-34**); said operating signal generating means generating an operating signal conforming to a display item of said display information (**column 2 line 64—column 3 line 6**) for operation displayed at a contact position on said display image surface detected by said contact position detection means (**figure 9**).

Regarding claim 3, Fujita discloses the picture display system according to claim 1, wherein said communication means of said base device transmits at least a response signal (**system controller (816) in figure 8**) to said operating signal to said display device (**tv (814) in figure 8**); said communication means of said second display device receiving said response signal (**tv (812) in figure 8**).

Regarding claims 4 and 14, Fujita discloses the picture display system and method according to claims 1 and 13, wherein said base device further includes tuner means (**column 7 lines 17-18**) and sends picture signals selected by said tuner means

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based on said operating signal via said picture signal outputting means to said first display device **(column 6 lines 33-49)**.

Regarding claims 5 and 15, Fujita discloses the picture display system and method according to claims 1 and 13, wherein said first display device further includes tuner means **(column 7 lines 17-18)** and displays picture signals selected by said tuner means based on an operating signal from said base device on said picture display unit **(column 4 lines 23-34)**.

Regarding claim 6, Fujita discloses the picture display system according to claim 1, wherein said control signal transmitting means of said base device transmits **(system controller (816) in figure 8)** said external input device control signal for said external input device over a wireless route **(column 4 lines 49-56)**.

Regarding claim 7, Fujita discloses the picture display system according to claim 6, wherein said control signal transmitting means of said base device **(system controller (816) in figure 8)** converts the external input device control signal, transmitted over the wireless path, into infrared signals, which are output **(column 4 lines 49-56)**.

Regarding claims 8 and 16, Fujita discloses the picture display system and method according to claims 1 and 13, wherein said base device further includes receiving means connected to a communication network and adapted for receiving information signals transmitted through said communication network **(network (710) in figure 7b)**, and transmission control means for performing control for transmitting said information signals **(column 3 lines 66-67)** to a specified display device in case said

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operating signal is a transmission command for transmitting said information signals to said first display device and/or said second display device **(TV in different room in figure 8)**.

Regarding claims 9 and 17, Fujita discloses the picture display system and method according to claims 1 and 13, wherein said base device further includes transmission information transmitting means **(column 3 lines 66-67)** which, in case said operating signal is the transmission information to be sent to a counterpart connected to said base device **(system controller (816) in figure 8)** over said communication network **(network (710) in figure 7b)**, sends said transmission information over said communication network to the target counterpart **(TV in different room in figure 8)**.

Regarding claim 11, Fujita discloses The picture display system according to claim 1, wherein said external input device connecting means **(column 2 line 64—column 3 line 6)** is connected via an amplifier to said external input device as a source of supply of said image signals **(column 6 lines 37-49)**.

Regarding claims 20, Fujita discloses the picture display system according to claim 1, wherein the display information includes a switching button **(remote controller in figure 1)**, and the picture signal outputting means switches the picture signals when the switching button is activated **(column 4 lines 23-34)**.

***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FRANKLIN S. ANDRAMUNO whose telephone number is (571)270-3004. The examiner can normally be reached on Mon-Thurs (7:30am - 5:00pm) alternate Fri off (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on (571)272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christopher Kelley/  
Supervisory Patent Examiner, Art  
Unit 2424